



Superior Technology

Blue Giant Advantage

A Blue Genius™ Touch Controls incorporates accurate proximity sensing of the operator's finger within the low level electric field range. Since it has the capability of sensing touch and proximity through the insulating surface without direct electrical contact with electrode metal, problems of wear, contamination and even corrosion are eliminated. No mechanical buttons eliminates problematic contact wearing and breaking. The Blue Genius™ controls enable the system to go from standby to active mode as a finger approaches the panel providing safe, accurate and sequenced operation. For added security, the menu selection allows for available supervisory keypad initial start-up.

B Onboard Diagnostics and Communications within the Blue Genius™ Touch Control panel featuring a user-friendly, multi-language LCD screen that provides real time clear, easily understood instructions for operations, maintenance and diagnostics as well as supervisory keypad lockout and override function. The menu display is factory programmed and accessible for three levels of users (1) operator/supervisor—for general operation, diagnostics and override, (2) factory trained technicians—for customized interlocked operational sequencing, history and troubleshooting diagnostics, and (3) factory programmer—for troubleshooting, software updates and upgrades.

C Microprocessor Based Controls offer advanced technology and intelligent programmable menu options. The Blue Genius™ Touch Control panel provides flexibility at the software level and is easily upgradable for those occurrences when a client subsequently decides to incorporate and fit a new piece of equipment at the loading bay such as a vehicle restraint or inflatable shelter. Big features do not mean big space—the Blue Genius™ panels significantly saves interior wall panel spacing between docks. Since the panel does not need replacing during upgrades we are also able to reduce our carbon footprint. This also offers a better alternative to raised (projected) mechanical buttons and switches that can wear out, deteriorate and become less reliable over time.

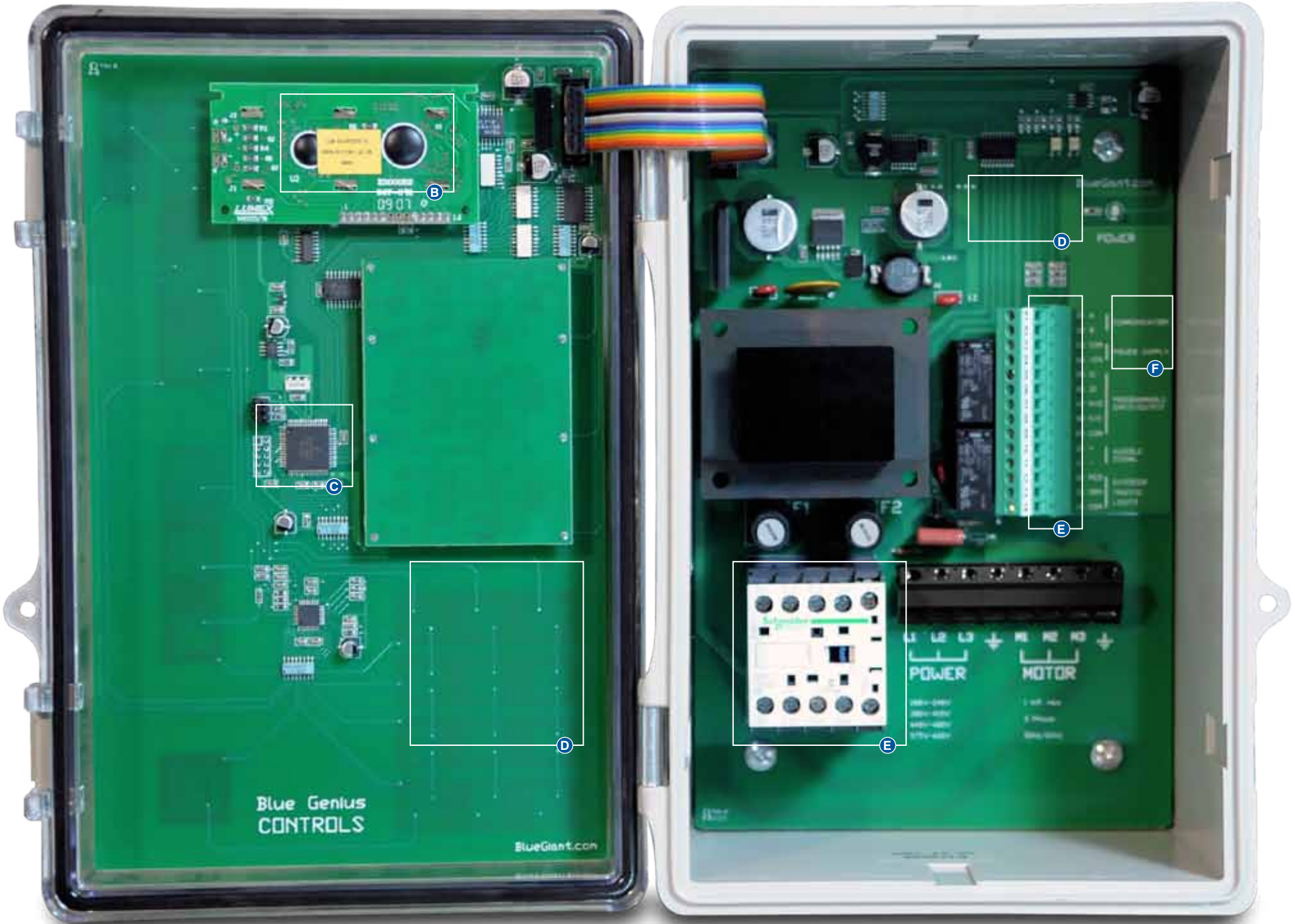
D Printed Circuit Board Technology provides trouble free wiring and simplified board level troubleshooting with quick up time response eliminating time consuming multi-meter diagnostics. Industry proven and reliable, circuit boards are easily and cost effectively exchanged for upgrades or in the unlikely event of repair. No special tools are required. Field plug and play; eliminating problems associated with loose wiring and deterioration of mechanical switches and wires.

Intelligent dock control systems are now at your fingertip to meet the demands of modern day logistics.

E Power Protection the 24 volt control ensures it is safe and operator friendly. The panel is safeguarded against potential shock hazard when opened. The system features short circuit protection. Low voltage control allows for cost effective installations.

F Network Connections provides bidirectional communication and power wiring. This exclusive technology surpasses conventional relay wiring methods eliminating wiring errors between the controller and power pack. The bus network provides error free communication and minimal installation time providing added value to turnkey installations. Only four wires for transmitting and receiving data, power, are all that is needed between each microprocessor minimizing field electrical wiring over conventional multi-wire control systems. The Blue Giant network technology is smart enough to even allow common field miss-wiring without damaging or short circuiting the components saving hundreds and even thousands of dollars in damaged and replacement components. In other words, our network technology provides fast, trouble free wiring installation with short circuit protection and non-polarized communication.

G Intelligent Positioning and Communication System the Blue Genius™ Touch Control panels that include the programmable interlocked vehicle restraint operations, features our advanced switchless Intelligent Positioning System on the restraint's positive locking arm. This provides real time lights communication interaction of safe (green), cautionary supervisory override (yellow) or unsafe (red) dock environment conditions. Interior panel traffic lights turn from red to green and the exterior traffic lights turn from green to red with real time communication to all parties that it is safe to sequence or engage to the next operation. Added reliability is assured with the absence of mechanical switches that are typically prone to maintenance and adjustment. The self-calibrating Intelligent Positioning System ensures accurate reading and positioning at all times.



Blue Genius™ Gold Series III Panel Featured (3 phase shown)

Blue Genius™ Control Station Features	Blue Genius™ Gold Series I		Blue Genius™ Gold Series II	Blue Genius™ Gold Series III	
	Dock Leveler Only	Vertical Dock Leveler Only	Vehicle Restraint Only	Dock Leveler and Vehicle Restraint (incl. XDS3000 + 4000)	Vertical Dock Leveler and Vehicle Restraint Combo
Restraint enable interlock - prevents truck from leaving unless dock is in stored position	—	—	Standard	Standard	Standard
Dock enable interlock - prevents use of leveler unless vehicle is restrained	S (input terminal)	S (input terminal)	S (output terminal)	S (internally interlock)	S (internally interlock)
Door interlock - prevents use of dock leveler when door is closed	Optional	Optional	Optional	Optional	Optional
Standard operation features for standalone vehicle restraint installations	—	—	Standard	—	—
Standard operation features for standalone dock leveler installations	Standard	Standard	—	—	—
Operate the deck and lip sequentially	Standard	—	—	Standard	—
Operate the deck and lip independently	Standard	Standard	—	Standard	Standard
Engage and disengage the restraint	—	—	Standard	Standard	Standard
Stop button provides complete motion freeze of dock leveler or restraint	—	—	—	Standard	Standard
Stop button provides complete motion freeze of dock leveler	Standard	Standard	—	—	—
Personalized security features	Optional	Optional	Optional	Optional	Optional
Supervisory keypad with controlled override	Optional	Optional	Standard	Standard	Standard
Advanced communication package includes LED interior red/yellow/green and exterior	Optional	Optional	Standard	Standard	Standard
Network connections	Standard	Standard	Standard	Standard	Standard
Printed circuit board technology	Standard	Standard	Standard	Standard	Standard
Onboard diagnostics with self-testing	Standard	Standard	Standard	Standard	Standard
Finger safeguarding against shock hazards	Standard	Standard	Standard	Standard	Standard
LCD intelligent display with English text	Standard	Standard	Standard	Standard	Standard
Programmable ports; two inputs and one output for interlocking	Standard	Standard	Standard	Standard	Standard
UL/CSA/CE approved	Standard	Standard	Standard	Standard	Standard
NEMA4X, (IP65) rating	Standard	Standard	Standard	Standard	Standard
Auto-park feature	Optional	—	—	—	—
Masterpak supplied to operate both dock leveler and restraint (dual function)	—	—	—	Available with XDS4000 or StrongArm™ SVR303 Vehicle Restraint and Hydraulic Dock Combo	—



Blue Genius™ Gold Series I



Blue Genius™ Gold Series II



Blue Genius™ Gold Series III



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AUTHORIZED DISTRIBUTOR

BLUE GIANT EQUIPMENT CORPORATION

BLUE GIANT offers a full line of dock levelers, dock safety equipment, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact BLUE GIANT for latest information. Some features illustrated may be optional in certain market areas.